

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	32287	(contamin\$5 or impur\$4) with (etch\$4)	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/08/21 19:51
L2	179132	(semi\$conduct\$4 or wafer) same (contamin\$5 or impur\$4)	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/08/21 19:56
L3	40488	2 same metal\$4	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/08/21 19:56
L4	21769	(1 and 2)	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/08/21 19:56
L5	182929	(semi\$conduct\$4 or wafer or quartz) with (impur\$4 or contamin\$5 or cleaning)	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/08/21 19:57
L6	11664	(groove or notch\$3) same (guide or rail or vertical \$3) same (wafer or quartz or semi\$conductor)	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/08/21 19:58
L7	429129	4 an 5	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/08/21 19:58
L8	19064	4 and 5	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/08/21 19:58
L9	322	8 and 6	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/08/21 19:58
L10	145	9 and (metal\$4 with etch\$4)	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/08/21 19:59
L11	638895	(clean\$4 or etch\$4 or chemical or treat\$4) with (boat or support or receptacle or stor\$3 or container)	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/08/21 20:27
L12	202407	(vertical\$4 or pole or rod) same (boat or support or receptacle or stor\$3 or container) same (detect\$4 or measur\$4 or sens\$4)	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/08/21 20:29
L13	15827	11 and 12	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/08/21 20:29
L14	2	10 and 13	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/08/21 20:29

L15	13	("20030139049"   "20040106363"   "5733181"   "5816274"   "6102776"   "6104481"   "6126512"   "6306016"   "6475293"   "6527629"   "6933234"). PN OR ("7066787"). UFPN.	US-PGRUB, USPAT, USOCR	OR	ON	2010/08/21 20:32
L16	2653	((vertical\$4 or pole or rod) with (guid\$3)) and ((impurity or metal\$4 or clean\$4) with (etch\$4))	US-PGRUB, USPAT, USOCR	OR	ON	2010/08/21 20:36
L17	1	15 and 16	US-PGRUB, USPAT, USOCR	OR	ON	2010/08/21 20:36
L22	245	("1927677"   "20010024691"   "20020029788"   "20020121290"   "20020195128"   "20030010449"   "20030045098"   "20030052497"   "20030052498"   "20030098047"   "20030121170"   "20030151268"   "20030172954"   "20030192577"   "20030200988"   "20030205559"   "20030209255"   "20040055625"   "20040091349"   "20040127044"   "20040197179"   "20040198051"   "20040203251"   "20040206371"   "20050126030"   "20050223588"   "20050229426"   "20050241684"   "20060027248"   "20060032833"   "20060035475"   "20060042651"   "20060045719"   "20060045722"   "20060046482"   "20060086616"   "20060104795"   "20060137726"   "20060165408"   "20060174919"   "20060174920"   "20060182535"   "20060182536"   "20070026321"   "20070224820"   "3206041"   "3351219"   "3402835"   "3610159"   "3750804"   "3796327"   "3876085"   "4027246"   "4304433"   "4348044"   "4410209"   "4639028"   "4830888"   "4846623"   "4900214"   "4911761"   "4923054"   "4984597"   "5054332"   "5061144"   "5125790"   "5133635"   "5158616"   "5177563"   "5197846"   "5308210"   "5317778"   "5339128"   "5359785"   "5415890"   "5416047"   "5430271"   "5436848"   "5443348"   "5468302"   "5485644"   "5520501"   "5571325"   "5634377"   "5636964"   "5639301"   "5651823"   "5665200"   "5668733"   "5687085"   "5700046"   "5701627"   "5730574"   "5733024"   "5733902"   "5741113"   "5756444"   "5762745"   "5766824"   "5788453"   "5788868"   "5803932"   "5823736"   "5838121"   "5875804"   "5884640"   "5915396"   "5919529"   "5921257"   "5933902"). PN OR ("5935768"   "5938902"   "5943880"   "5944476"   "5960225"   "5963753"   "5970717"   "5974682"   "5980187"   "5980188"   "5988971"   "5989346"   "5992431"   "6004047"   "6012192"   "6021790"   "6027574"   "6051101"   "6063439"   "6074515"   "6076652"   "6077321"   "6082377"   "6092971"   "6098494"   "6099643"   "6105454"   "6108932"   "6116848"   "6128829"   "6138695"   "6142722"   "6143087"   "6155275"   "6167322"   "6176667"   "6251195"   "6253118"   "6256555"   "6261007"   "6275748"   "6292250"   "6293713"   "6313903"   "6318948"   "6318951"   "6322119"   "6328814"   "6348101"   "6371713"   "6379056"   "6402400"   "6402508"   "6403924"   "6435199"   "6438449"   "6439460"   "6444029"   "6446646"   "6453214"   "6454332"   "6454927"   "6464789"   "6471422"   "6475279"   "6491491"   "6507770"   "6511315"   "6526329"   "6533531"   "6539956"   "6556893"   "6558053"   "6568847"   "6575177"   "6592677"   "6616394"   "6616762"   "6632292"   "6658053"   "6659661"   "6672779"   "6673161"   "6676757"   "6678581"   "6689257"   "6691430"   "6692219"   "6694224"   "6695926"   "6703316"   "6712579"   "6713239"   "6726848"   "6736556"   "6746544"   "6752543"   "6752584"   "6790286"   "6790287"   "6790291"   "6822413"   "6832863"   "6834210"   "6837632"   "6841031"   "6844274"   "6846519"   "6848876"   "6851872"   "6852007"	US-PGRUB, USPAT, USOCR	OR	ON	2010/08/21 20:36

		"6866723"   "6868888"   "6893171"   "6913651"   "6927176"   "6929722"   "6955516"   "6979165"   "6979168"   "6980187"   "6987272"   "6991710"   "7053386"   "7066787". PN. OR ("7100954"   "7102726"   "7108001"   "7125059"   "7134827"   "7335090"). PN. OR ("7694688"). URP.N.				
L23	64	22 and ( (vertical\$4 or rod or pole or axial\$4) same (clean\$4 or etch\$4))	US-PGRUB; USPAT; USOCR	OR	ON	2010/08/21 20:37
L24	30	23 and (hold\$4 or contain\$4) with (etch\$4 or chemical or liquid)	US-PGRUB; USPAT; USOCR	OR	ON	2010/08/21 20:37
L25	30	23 and (hold\$4 or contain\$4 or receptacle) with (etch\$4 or chemical or liquid)	US-PGRUB; USPAT; USOCR	OR	ON	2010/08/21 20:38
L26	15056	((134/117,150) or (216/83,84,100,8,10) or (118/400,404,427) or (422/99,102,104,255,261,266,292)). CCLS	US-PGRUB; USPAT; USOCR	OR	OFF	2010/08/21 21:55
L27	147738	(rod or pole or column\$3 or cylind\$5 or tube) same (immers\$4 or expos\$4) same (liquid or etch\$4 or solution)	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/08/21 21:57
L28	291617	((liquid or fluid or chemical or solution) with (dissolv \$4 or solvent)) same (metal\$4 or impurity or contain\$5)	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/08/21 21:58
L29	14688	27 and 28	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/08/21 21:59
L30	133	26 and 29	US-PGRUB; USPAT; USOCR	OR	ON	2010/08/21 21:59
L31	33285	(tokyo and electron\$4) as.	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/08/21 22:00
L32	14	29 and 31	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/08/21 22:00
L33	1353256	((liquid or fluid or chemical or solution) with (dissolv \$4 or solvent))	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/08/21 22:11
L34	118463	(rod or pole or column\$3 or cylind\$5 or tube) same (engag\$4 or latch\$4 or grip\$4) same (seal\$4 or friction\$4) same (liquid or fluid or etch\$4 or chemical or solution or reagent)	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/08/21 22:13
L35	4128	33 and 34	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/08/21 22:13
L37	512683	(boat or support or receptacle or stor\$3 or container or container) same (liquid or etch\$4 or chemical or solution or fluid) same (engag\$4 or latch\$4 or grip\$4 or friction\$4 or seal\$4)	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/08/21 22:15
L38	2912	35 and 37	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/08/21 22:15
L39	111	38 and 26	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/08/21 22:16

L40	173	38 and (contact\$4 or expos\$4) with (part or partial \$3 or section) with (rod or column or pole or cylinder or cylindrical or curved)	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/08/21 22:21
L41	1506	((curved with (surface or wall)) or cylindrical or tube or rod or pole) with (expos\$3 or treat\$3) with (liquid or chemical or fluid or etch\$4 or solution) with (seal\$3 or elastomer\$3) with (surface or wall or face)	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/08/21 22:31
L42	758	41 and (friction\$4 or engag\$4 or secur\$3) with (liquid or fluid or chemical or solution or etch\$4)	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/08/21 22:32
L43	436	37 and 42	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/08/21 22:32
L44	33	43 and 33	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/08/21 22:33
L45	2	("4441976"   "5069760").PN.	US-PGRUB; USPAT; USOCR	OR	ON	2010/08/21 22:35
S14	56492	(oikawa-m\$ anbai-k\$ takahashi-n\$ hayashi-t\$).in.	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/08/20 12:28
S15	33285	(tokyo and electron\$4).as.	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/08/20 12:28

8/21/2010 10:43:24 PM

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